Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Wednesday 19 Jul 2023 until 23:59 on Thursday 20 Jul 2023

Forecast Issued on Wednesday 19 Jul 2023 at 03:44

Confidence: High confidence overall for a relatively cool period, lower confidence at this stage regarding timing and extent of rain into the weekend.

Headline for Wednesday 19 Jul 2023: Early cloud breaking to give a bright day with occasional showers.

Mountain weather hazards on Wednesday 19 Jul 2023

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
No Likelihood

Poor visibility
Medium Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
High Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
FOG					
Fog	Dull	Light rain showers	Heavy rain showers	Light rain showers	Clear night
Precipitation probability					
20%	20%	30%	30%	30%	<05%

Forecast for Wednesday 19 Jul 2023

Weather: Early low cloud bringing occasional light rain or drizzle, but lifting and breaking to leave plenty of bright spells into the day. Occasional showers developing into the afternoon however, some locally heavy, especially across eastern parts into the afternoon and early evening. Drier into the evening as showers fade away and skies clear.

Chance of cloud-free hill tops above 600m: 20%, becoming 90% through the morning.

Low cloud and visibility: Widespread low cloud, particularly on western facing slopes first thing, bases down to around 300-400m. Cloud breaking and lifting to above all but the very highest summits by mid-morning and through the rest of the day. Poor visibility at first in low cloud, but improved conditions thereafter, with generally excellent visibility outside of any afternoon showers.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Mountain Weather Forecast

Forecast for Wednesday 19 Jul 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	7/9 W	9/12 N	9/12 NW	15/21 NW	15/20 NW	9/15 W	9/13 W
300	6/7 W	7/10 N	7/11 NW	14/20 NW	12/18 NW	7/13 W	7/12 SW
Valley	4/6 W	5/10 NW	6/11 NW	11/20 NW	10/19 NW	5/12 W	4/8 SW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	11/10	11/9	13/11	13/10	13/10	10/8	9/7
300	13/12	13/12	15/14	16/14	16/13	13/12	12/10
Valley	13/13	14/14	17/16	17/15	16/14	13/12	12/11
Freezing Level*	2400m	2300m	2200m	2200m	2000m	2000m	2000m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Some locally heavy showers could lead to conditions changing quickly through the afternoon, keep the waterproofs handy. Note that UV levels remain high and sun protection is essential.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Wed 19 Jul 2023	7.8mm	27.2mm	31.2mm

Forecast for Thursday 20 Jul 2023

Weather: A generally dry start followed by a mixture of sunny intervals and scattered showers. Showers developing more widely from mid-day into the afternoon, with the odd sharp shower possible. Turning drier into the evening as showers ease to leave clearer skies once again.

Maximum wind: West-northwesterly 15-20mph with gusts of 20-25mph.

Chance of cloud-free hill tops above 600m: 60% becoming 90% by mid-morning.

Low cloud and visibility: Early patches of low cloud quickly lifting with cloud bases then rising above summits by late morning. Generally very good visibility once low cloud clears by morning and outside any heavier afternoon showers.

Temperature: **Valleys:** Plus 9 Celsius rising to plus 17 Celsius.
At 600m: Plus 8 Celsius rising to plus 13 Celsius.
Freezing level: Above summits.

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